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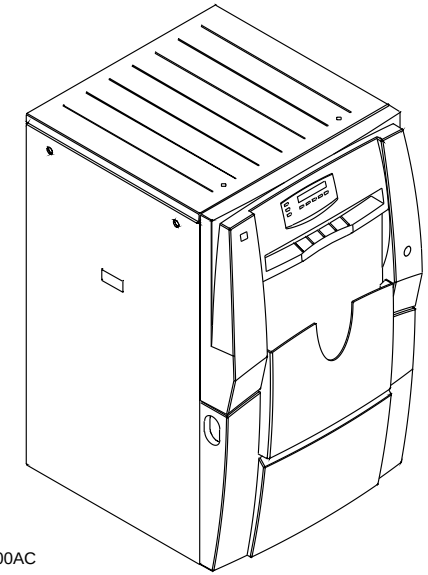
HEALTH IMAGING

DIAGRAMS
for the
Kodak X-Omat MULTILOADER 7000
Service Code: 3444

Important
Qualified service personnel must repair this equipment.



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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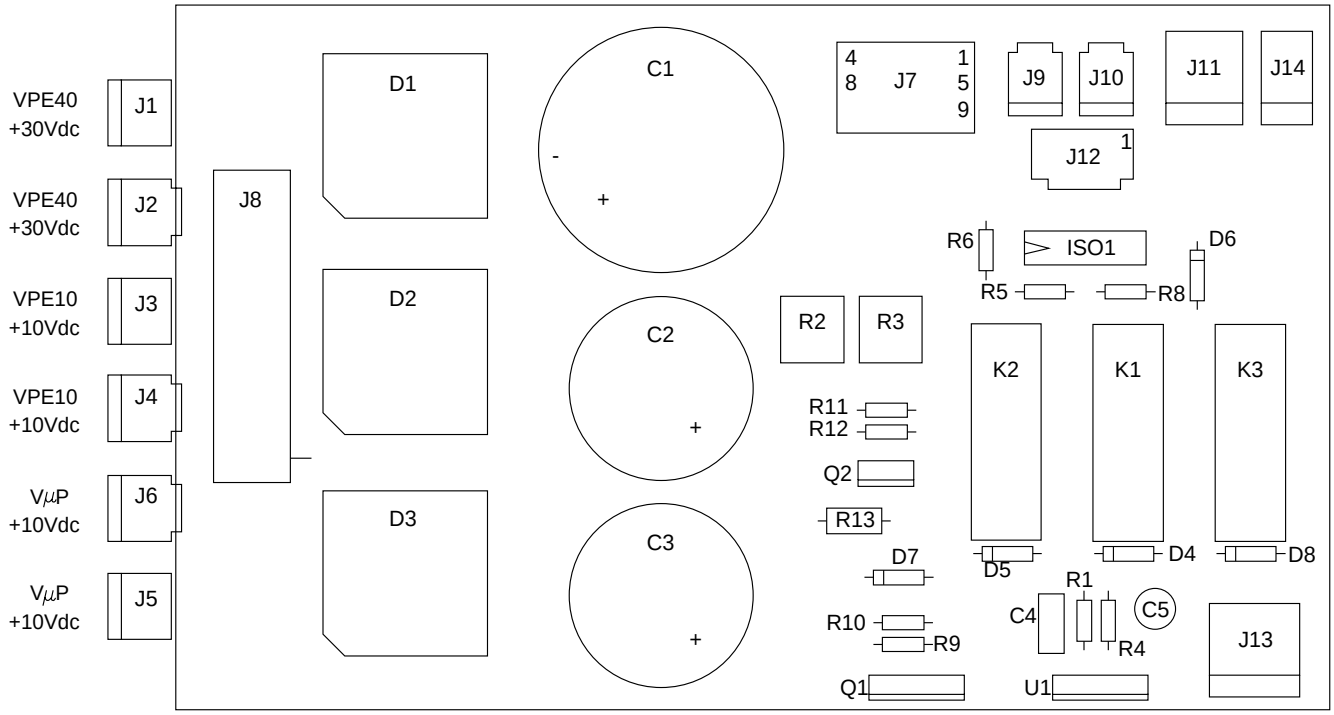
Section 1: Component Locator Diagrams

Overview - POWER SUPPLY BOARD A0



POWER SUPPLY BOARD A0

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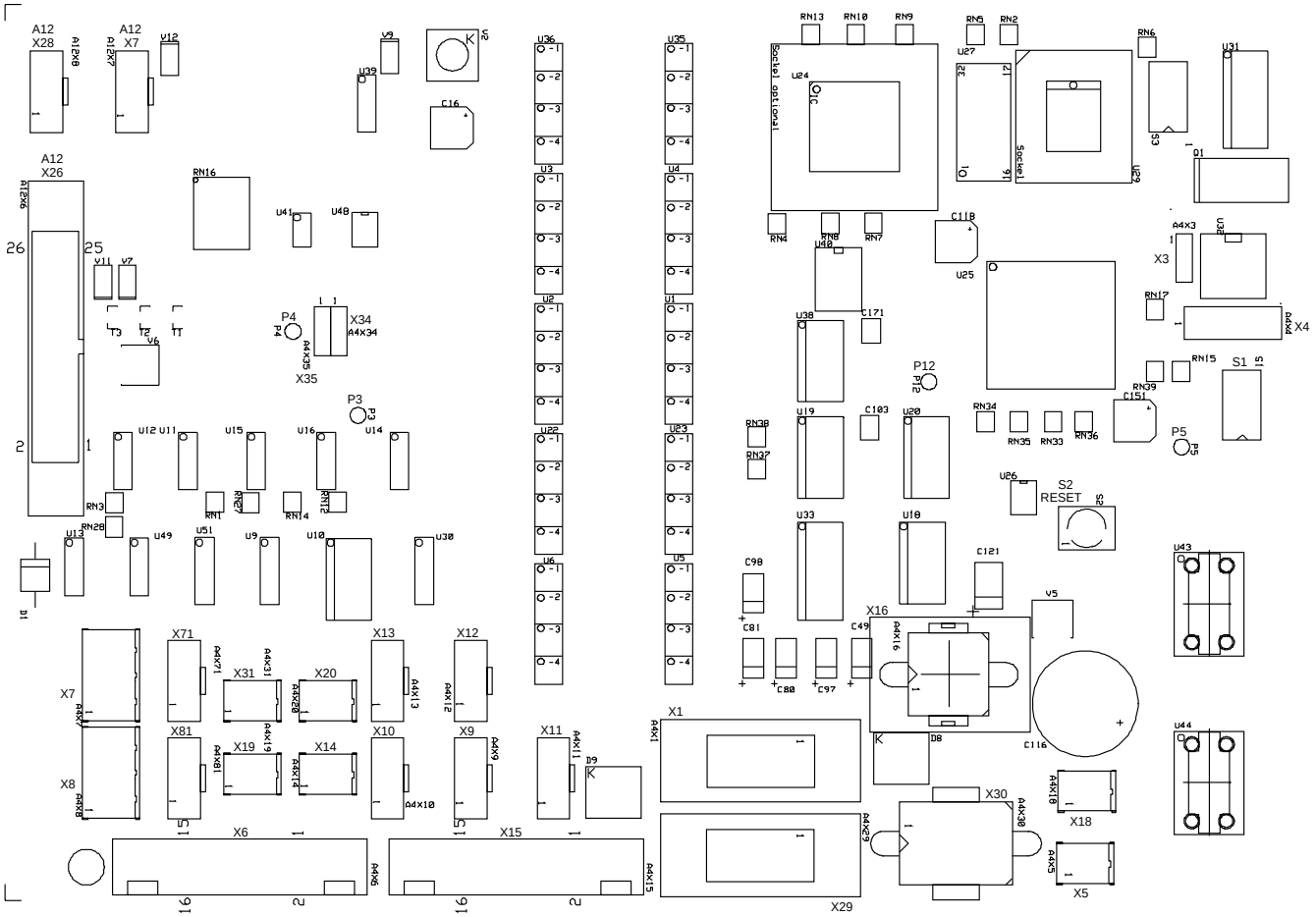
Overview - MAGAZINE INTERFACE BOARD A4, 1 of 2

A



MAGAZINE INTERFACE BOARD A4 LAYOUT - 1 of 2

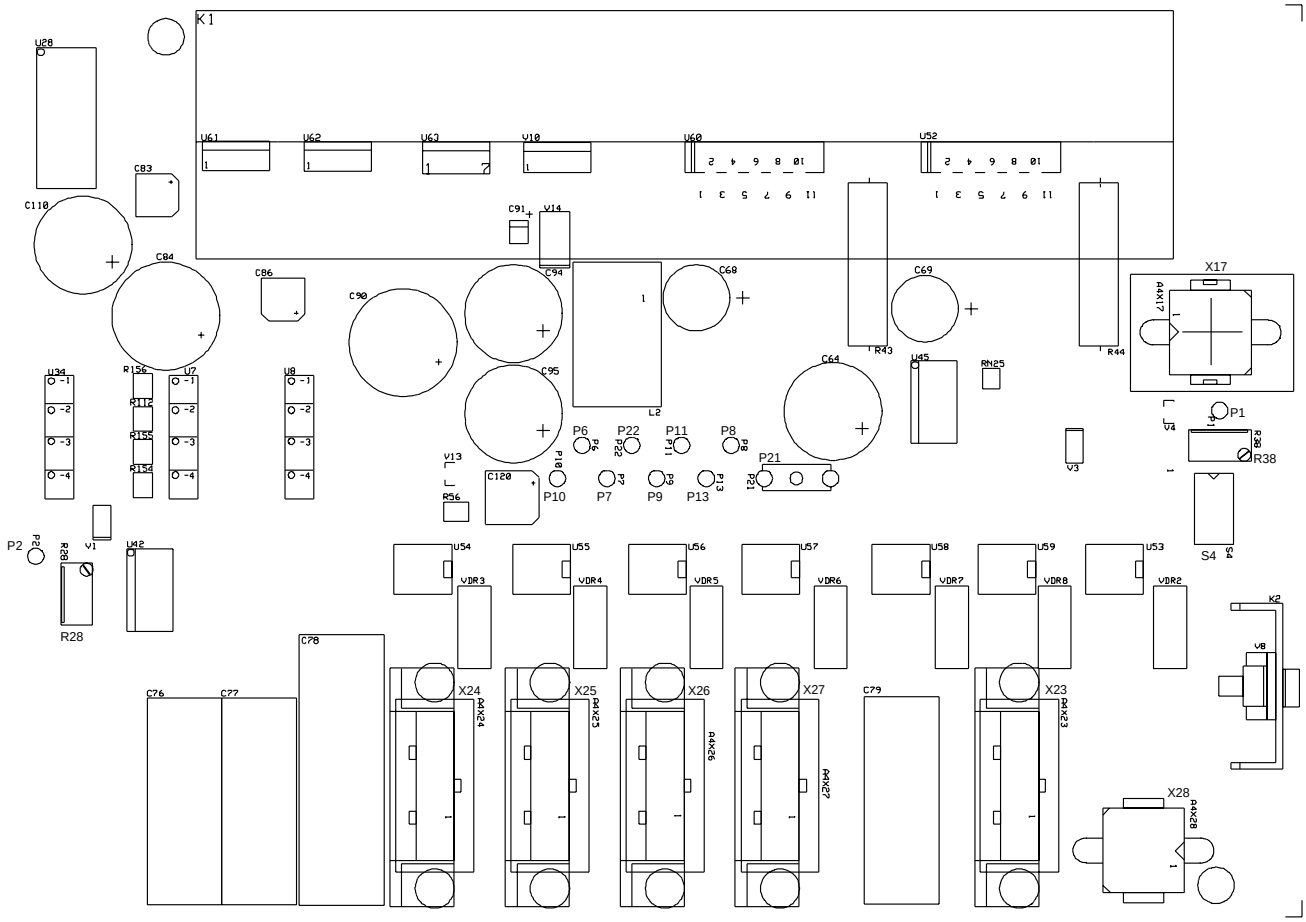
B

H186_0032EC_

Overview - MAGAZINE INTERFACE BOARD A4, 2 of 2

A

P1 R38 ADJUST
P2 R28 ADJUST
P3 B37 DETECT
P4 B35 DETECT
P5 RESET
P6 V
P7 VCC(+5Vdc) Micro Processor
P8 VPE 40 (+30Vdc) Unreg.
P9 VPE 50 (+30Vdc) Unreg.
P10 VPE 10 (+10Vdc) Unreg.
P11 VPE 12 (+5Vdc) Reg.
P12
P13 VPE 51 (+24Vdc) Reg.
P21 GND



MAGAZINE INTERFACE BOARD A4 LAYOUT - 2 of 2

B

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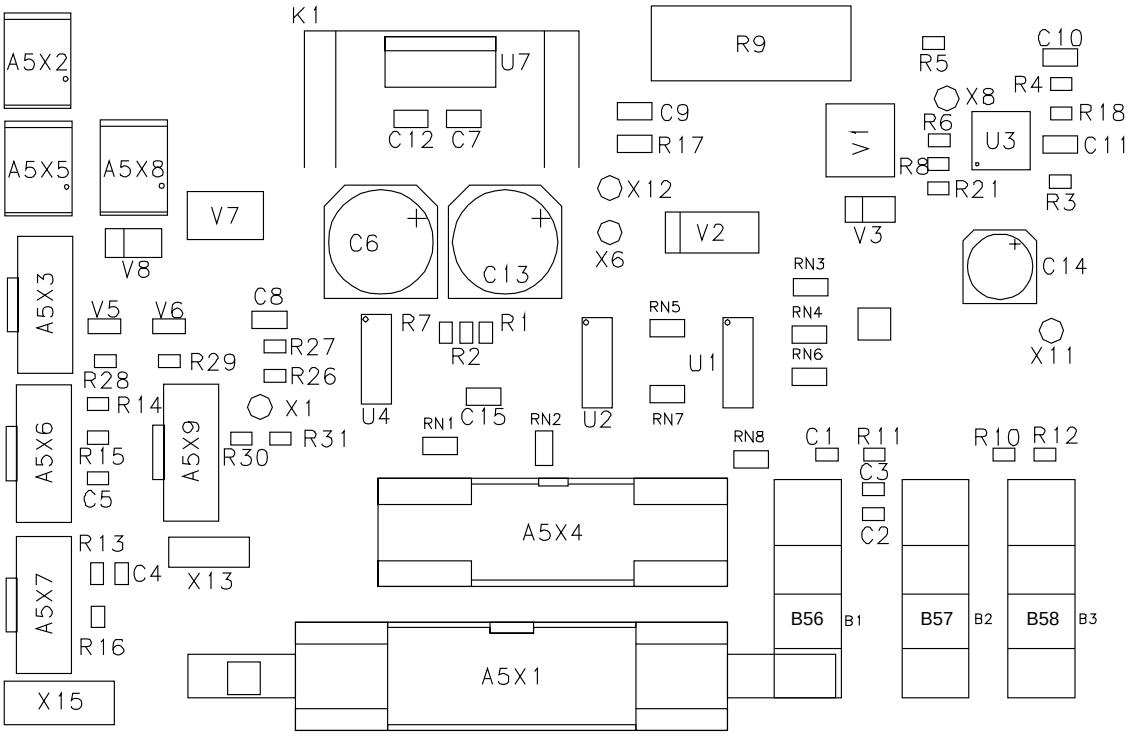
Overview - FILM POCKET BOARD A5

X1 B59
X6 VPE50 (+30Vdc) Unreg.
X8 VPE12 (+5Vdc) Reg.
X11 GNDPE
X12 VPE52 (+24Vdc) Reg.
X15 GNDPE



FILM POCKET BOARD A5 LAYOUT

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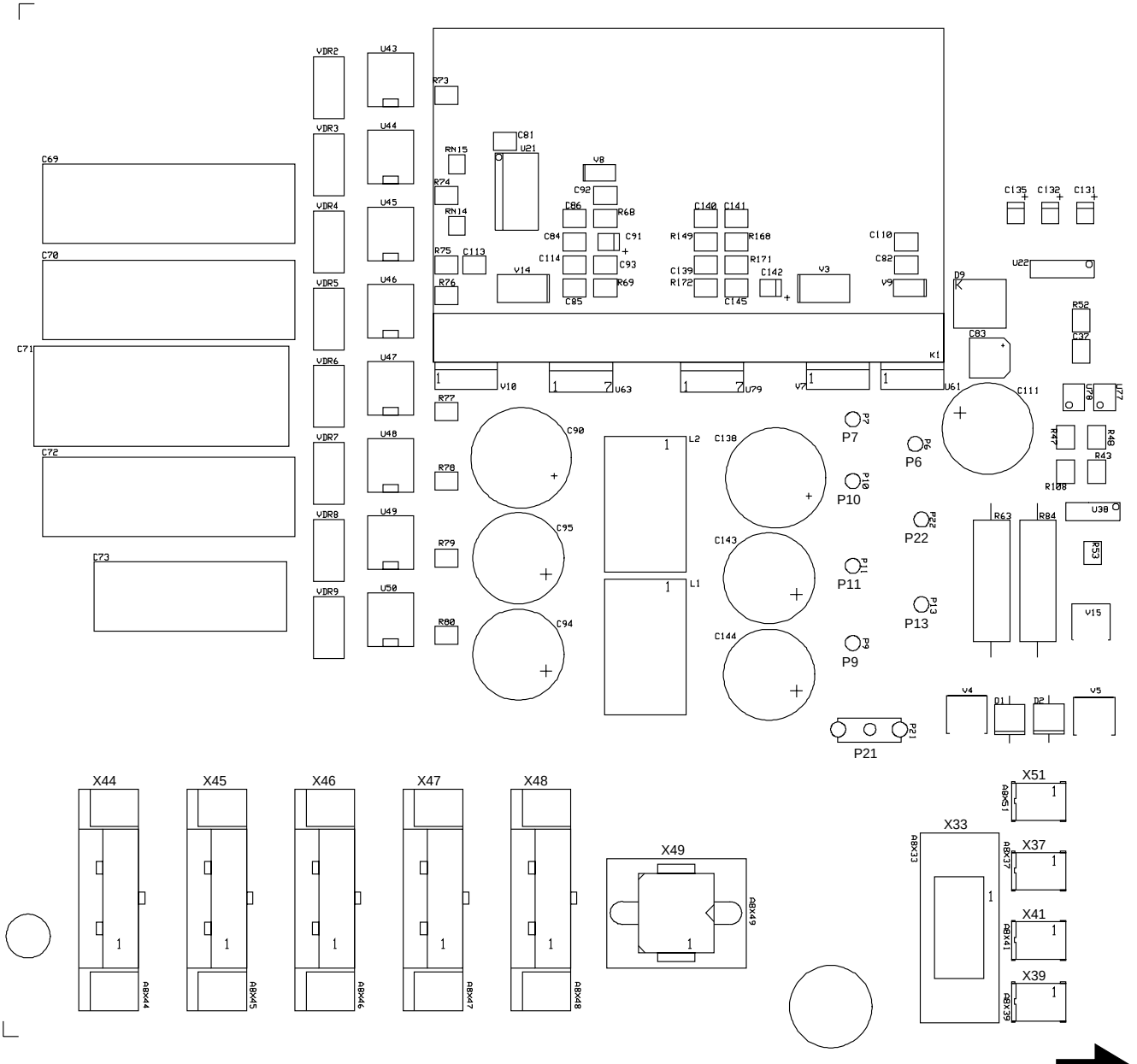
Overview - CASSETTE INTERFACE BOARD A8, 1 of 2

A



CASSETTE INTERFACE BOARD A8 LAYOUT 1 of 2

B

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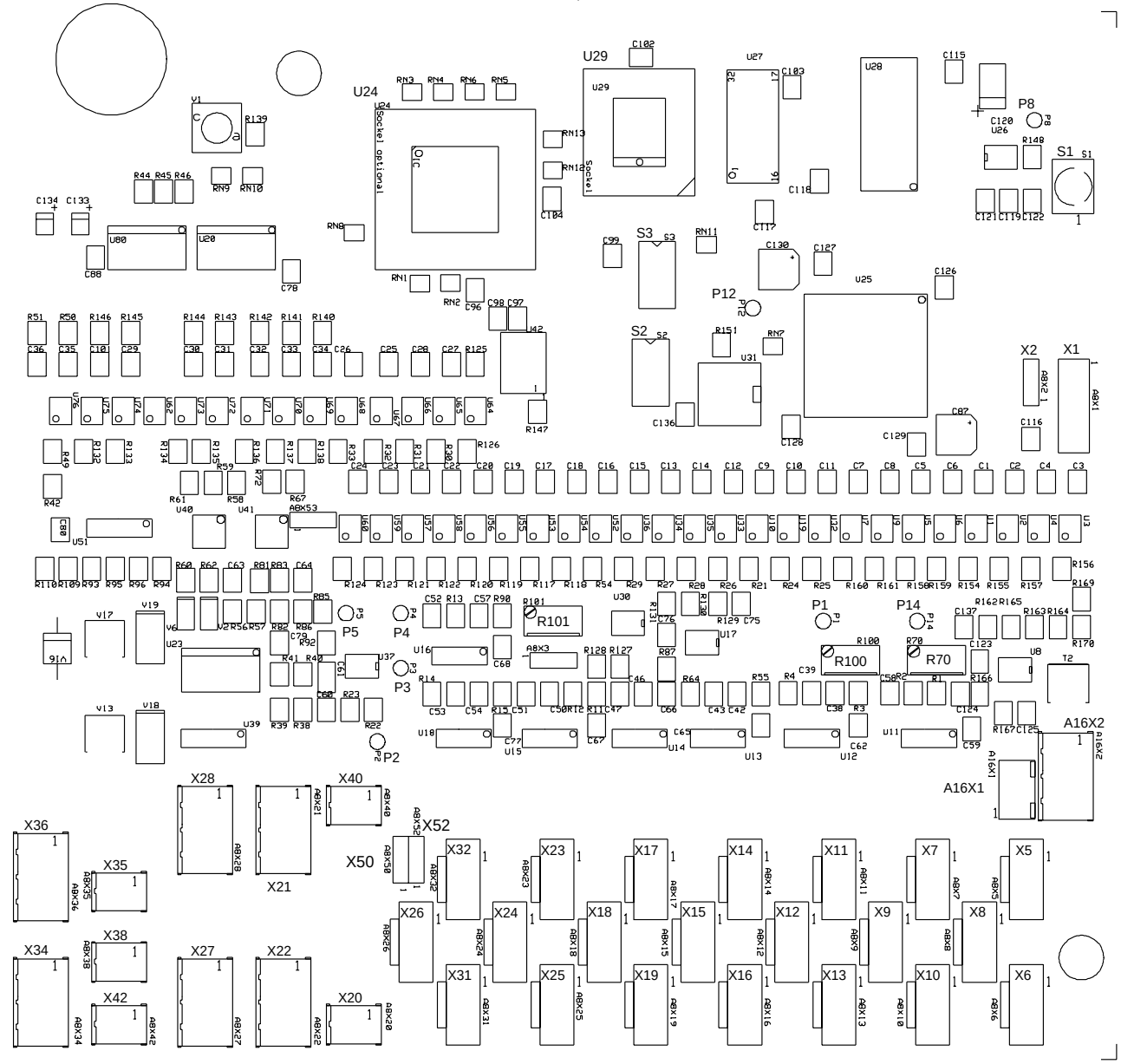
Overview - CASSETTE INTERFACE BOARD A8, 2 of 2

A

P1 R100 ADJUST
P2 B17
P3 B18
P4 R101 ADJUST
P5 B20
P6 VμP (+10Vdc) Unreg.
P7 VCC (+5Vdc) Micro Processor Voltage
P8 RESET
P9 VPE10 +10Vdc) Unreg.
P10 VPE30 (+30Vdc) Unreg.
P11 VPE31 (+24Vdc) Reg.
P12 PA0
P13 VPE11 (+5Vdc) Reg..
P14 R70 ADJUST
P21 GNDPE
P22 GNDμP



B

CASSETTE INTERFACE BOARD A8 LAYOUT 2 of 2

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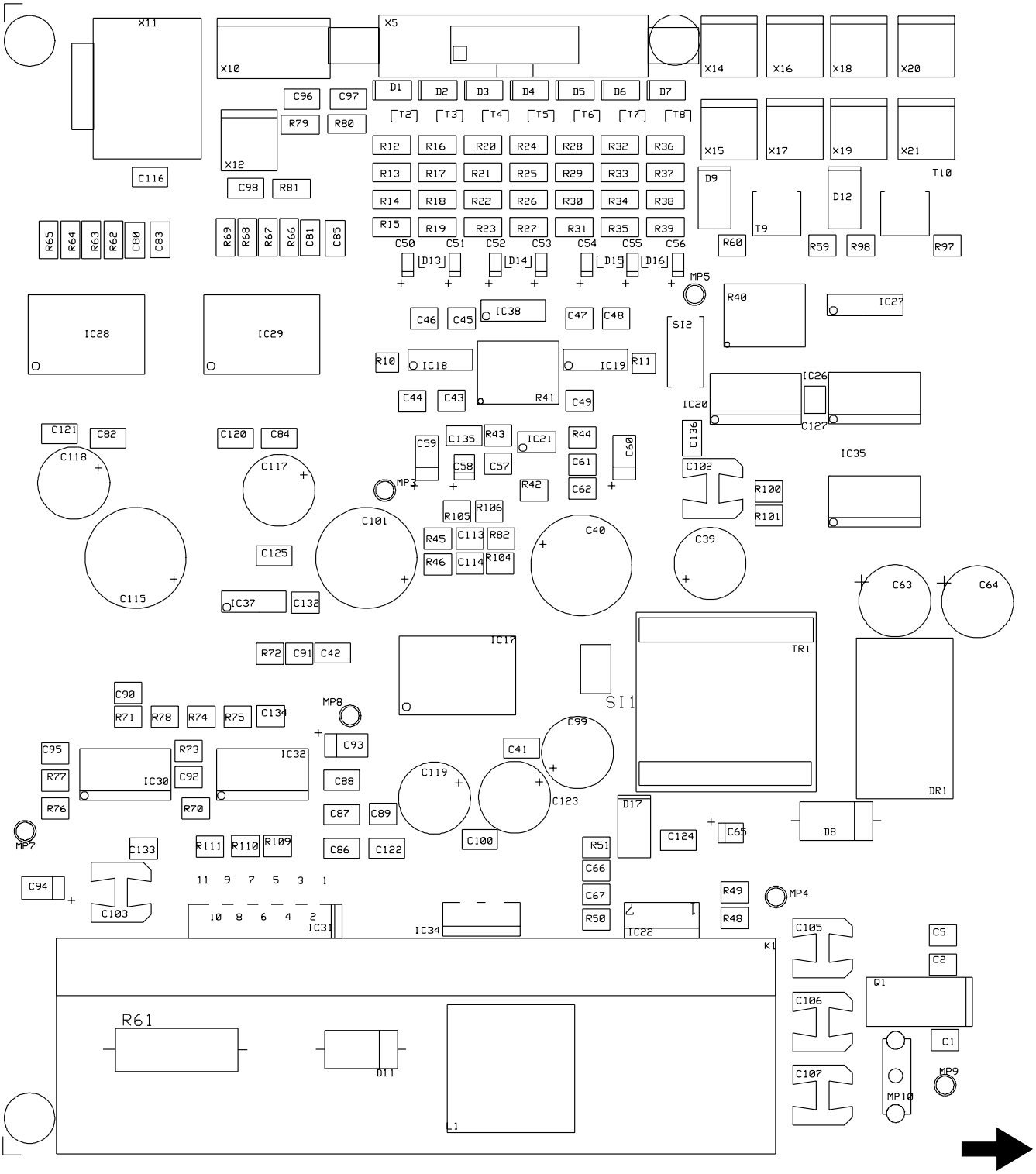
Overview - MAGAZINE SHUTTLE MECHANISM BOARD A20, 1 of 2

A



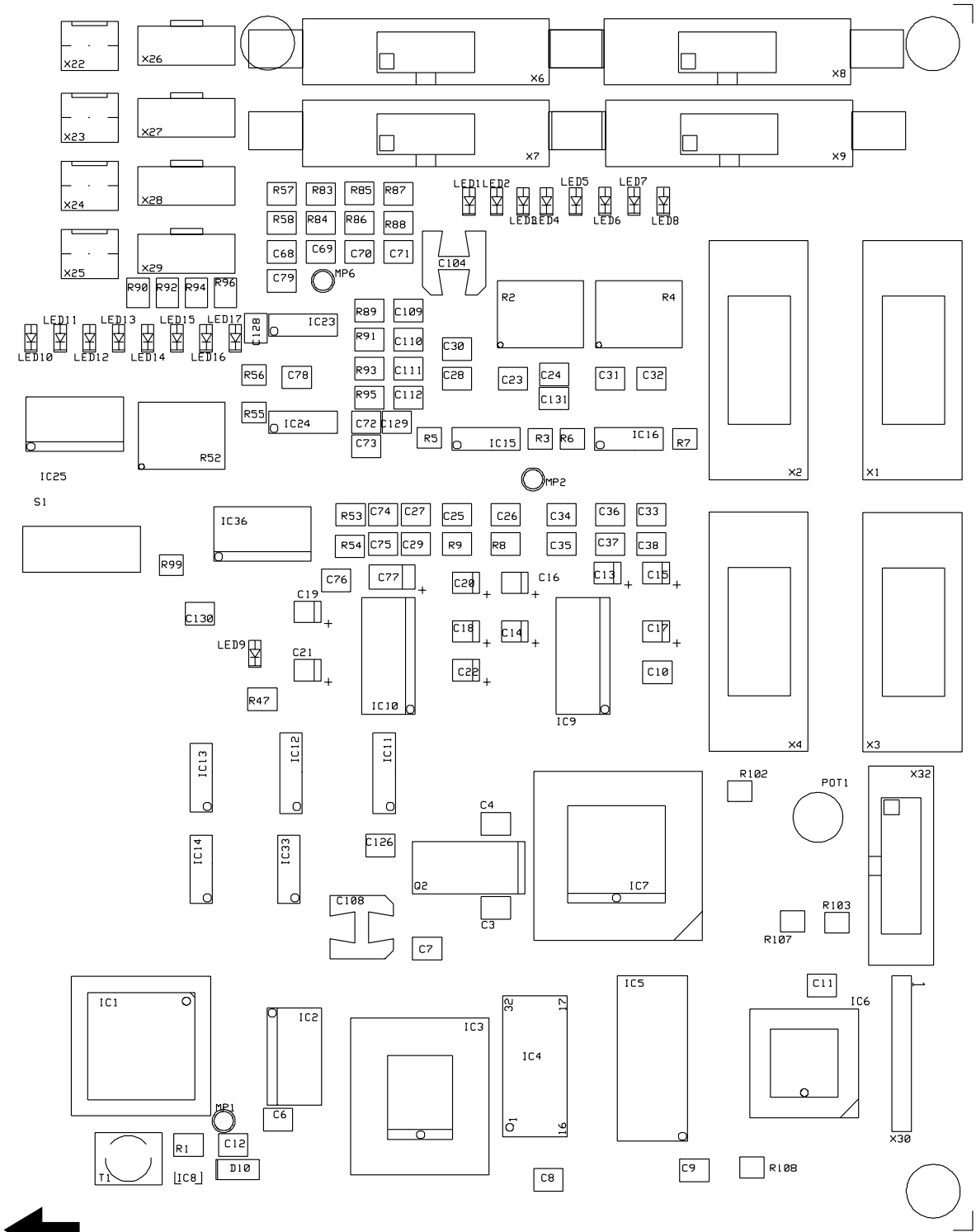
BOARD LAYOUT A20 - 1 of 2

B

H186_0030EC_

Overview - MAGAZINE SHUTTLE MECHANISM BOARD A20, 2 of 2

MP1 RESET
MP2 VREF1
MP3 VREF2
MP4 +24V
MP5 +24V_SD
MP6 VREF3
MP7 MOTOR2
MP8 MOTOR1
MP9 +5V
MP10 GND



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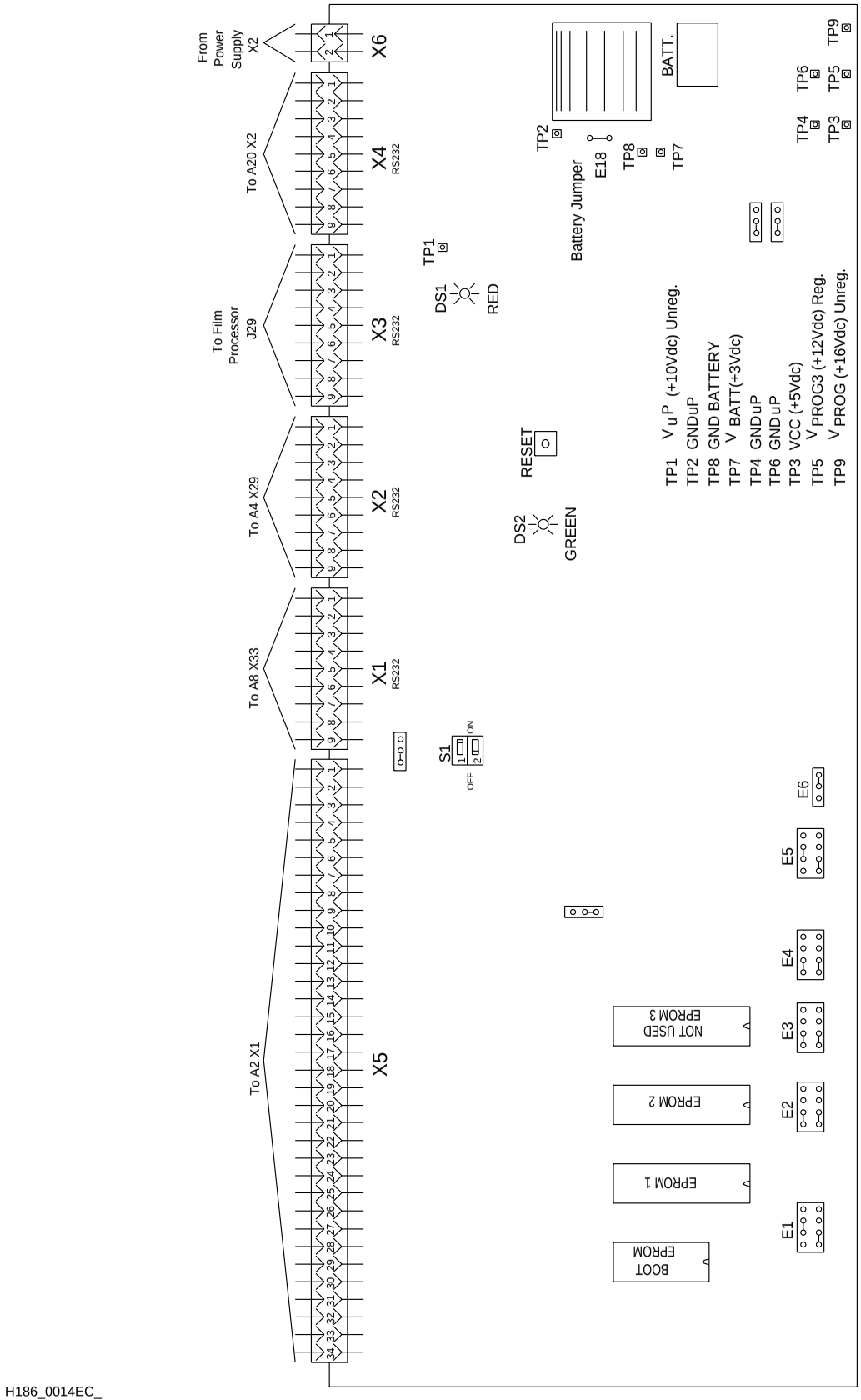
Section 2: Functional Diagrams

MAIN PROCESSOR BOARD A1



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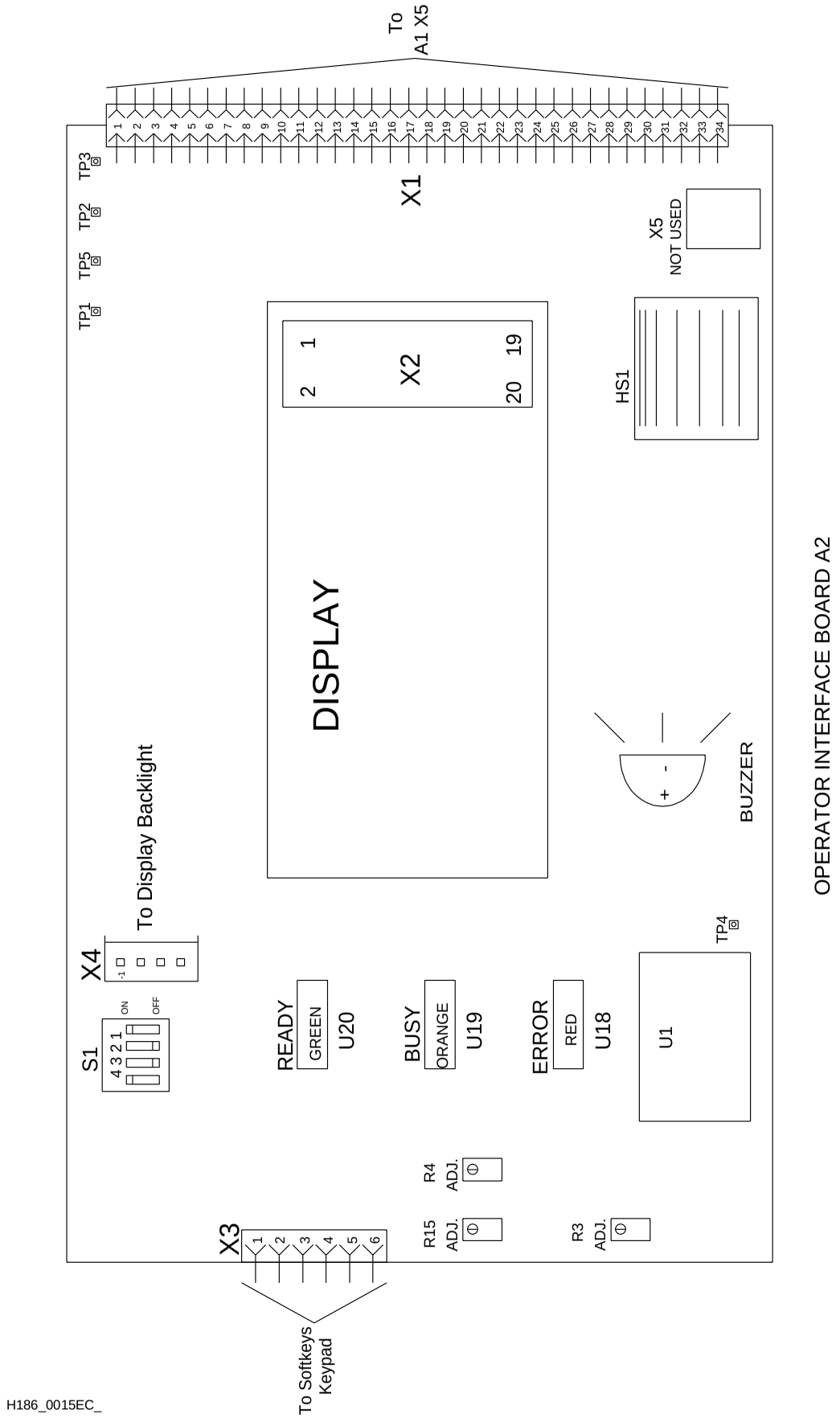
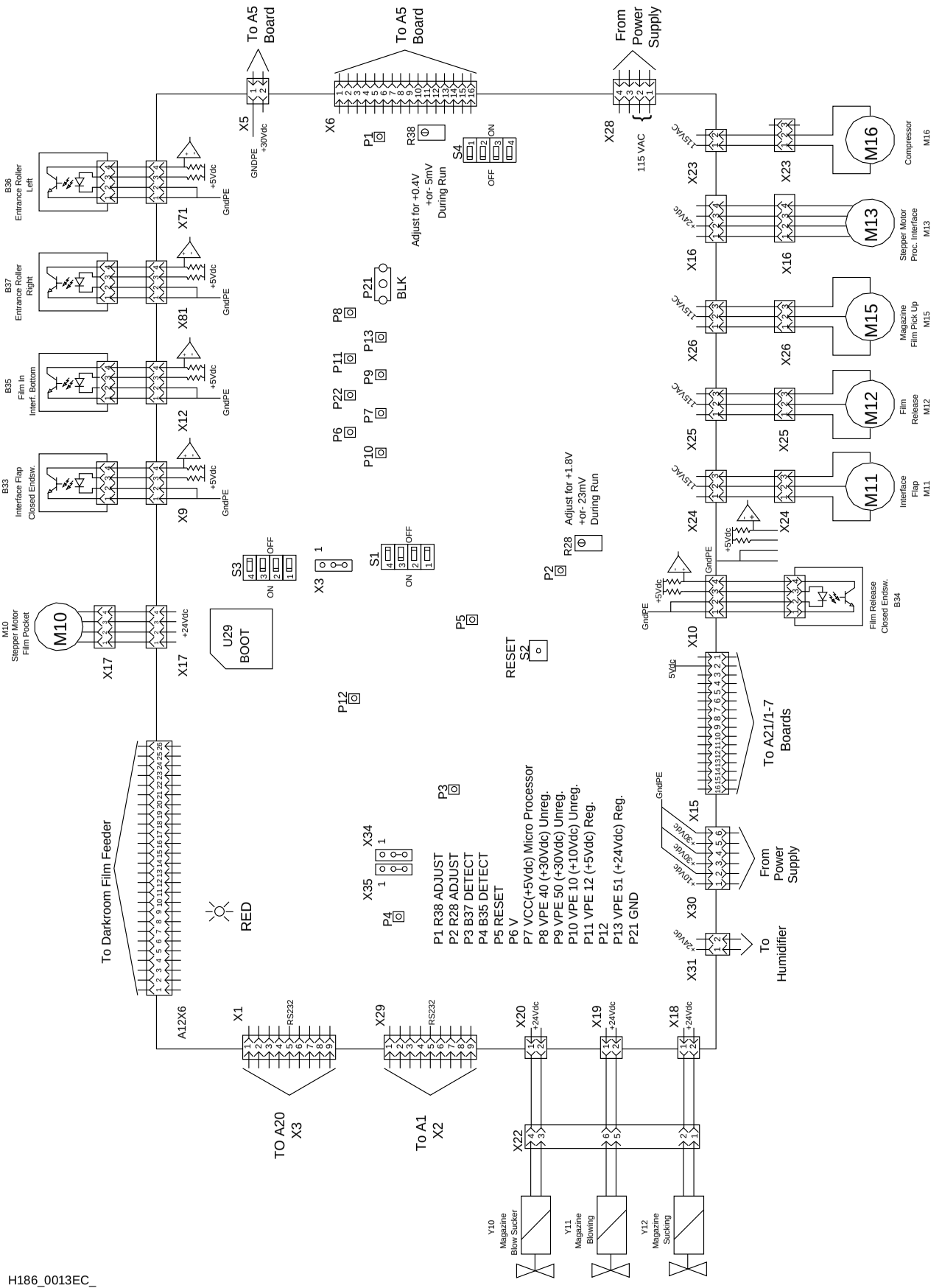
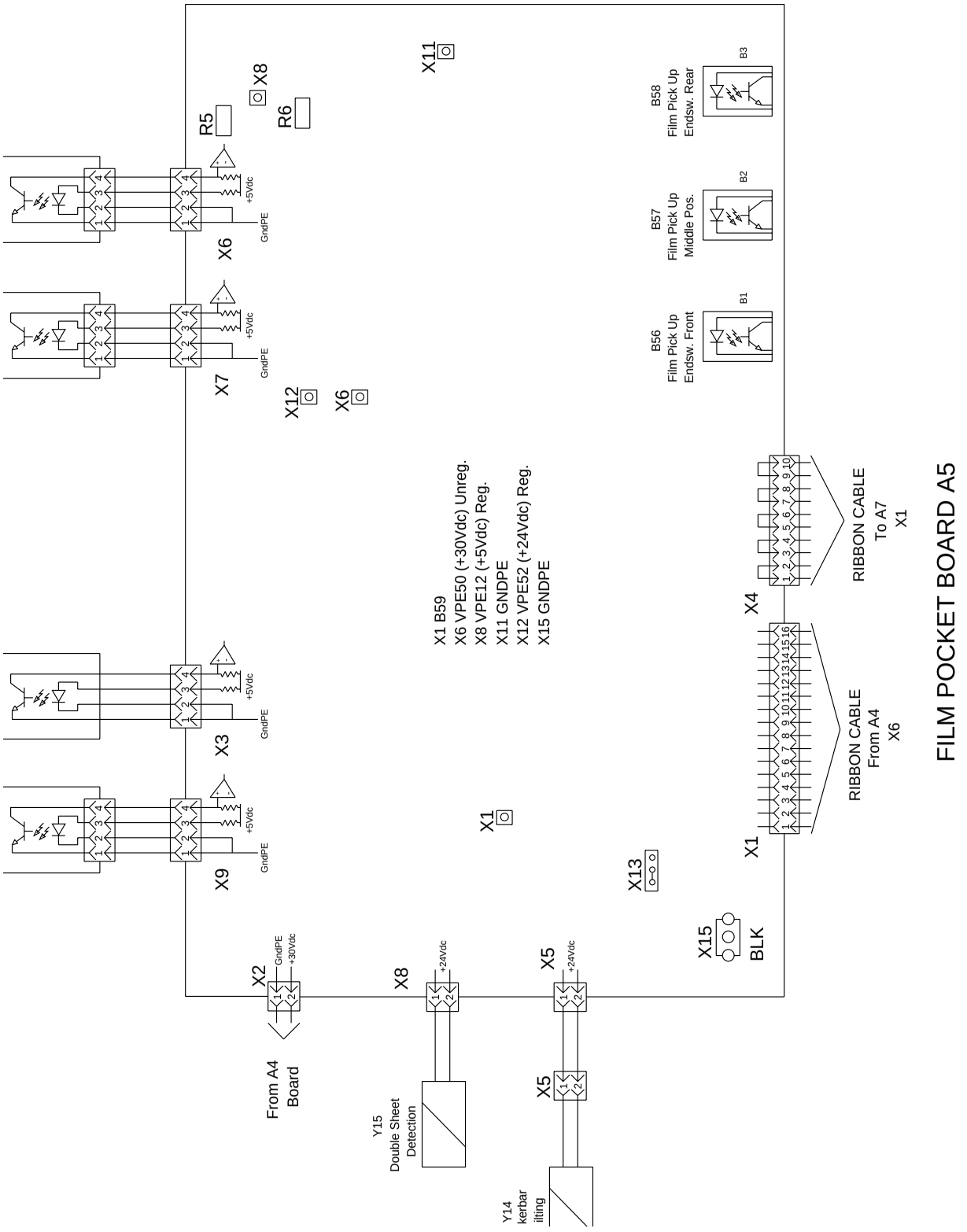
OPERATOR INTERFACE BOARD A2



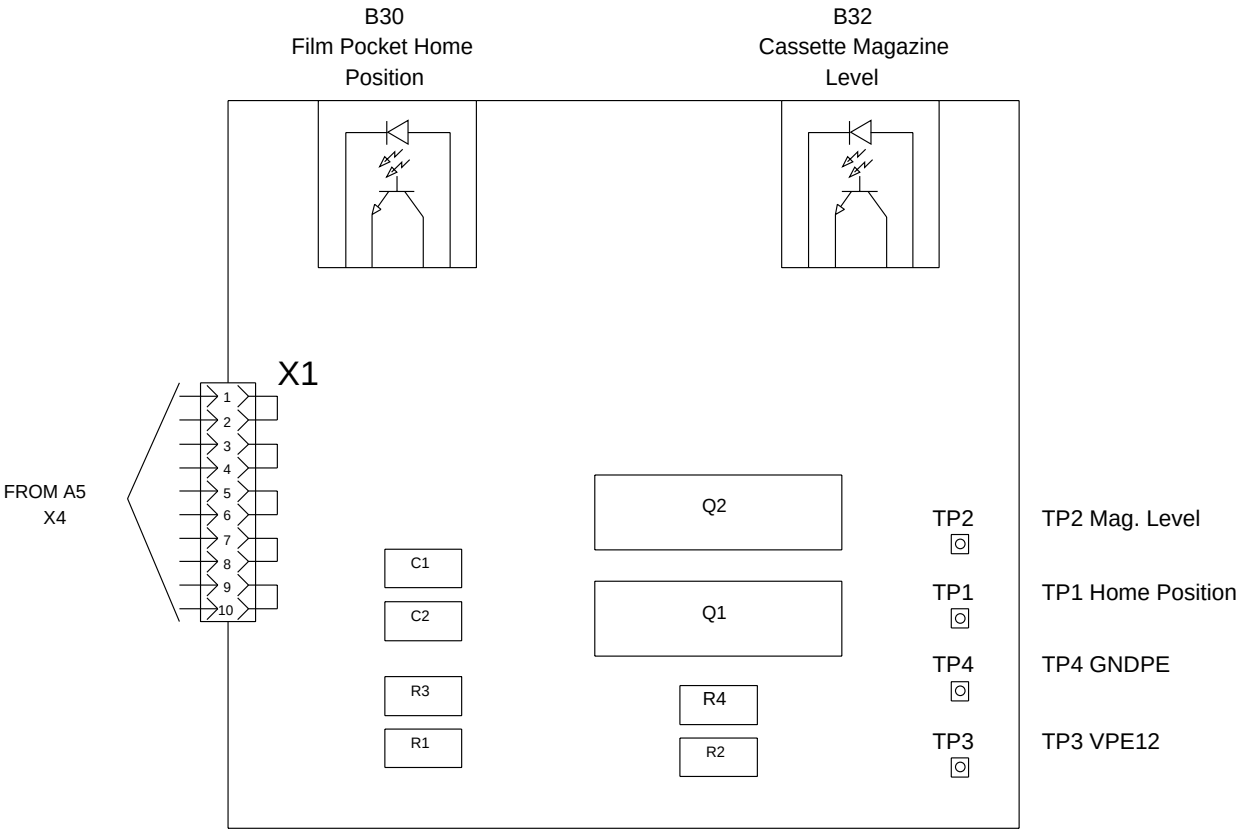
MAGAZINE INTERFACE BOARD A4



FILM POCKET BOARD A5



LEVEL CONTROL BOARD A7



LEVEL CONTROL BOARD A7

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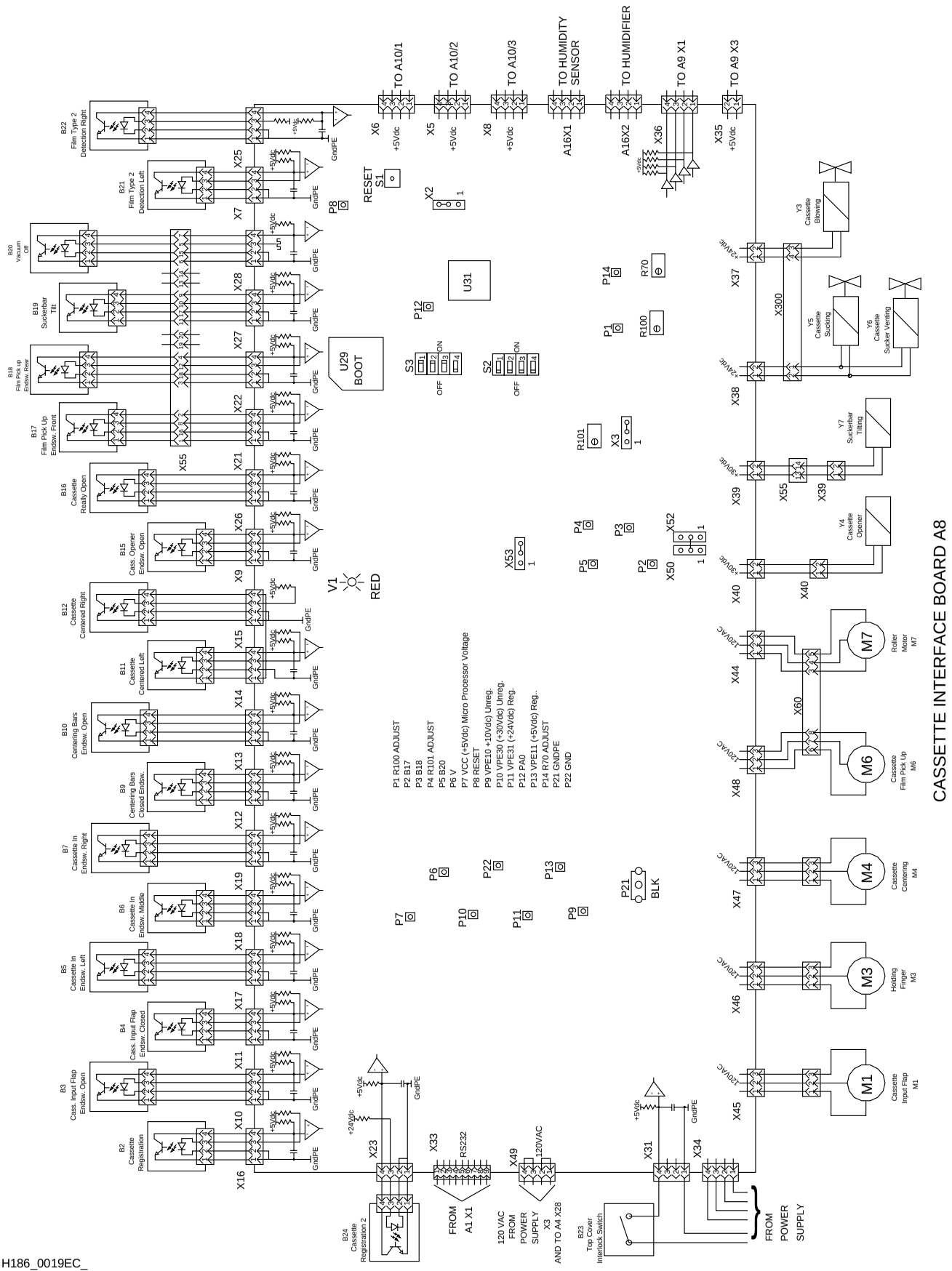
CASSETTE INTERFACE BOARD A8



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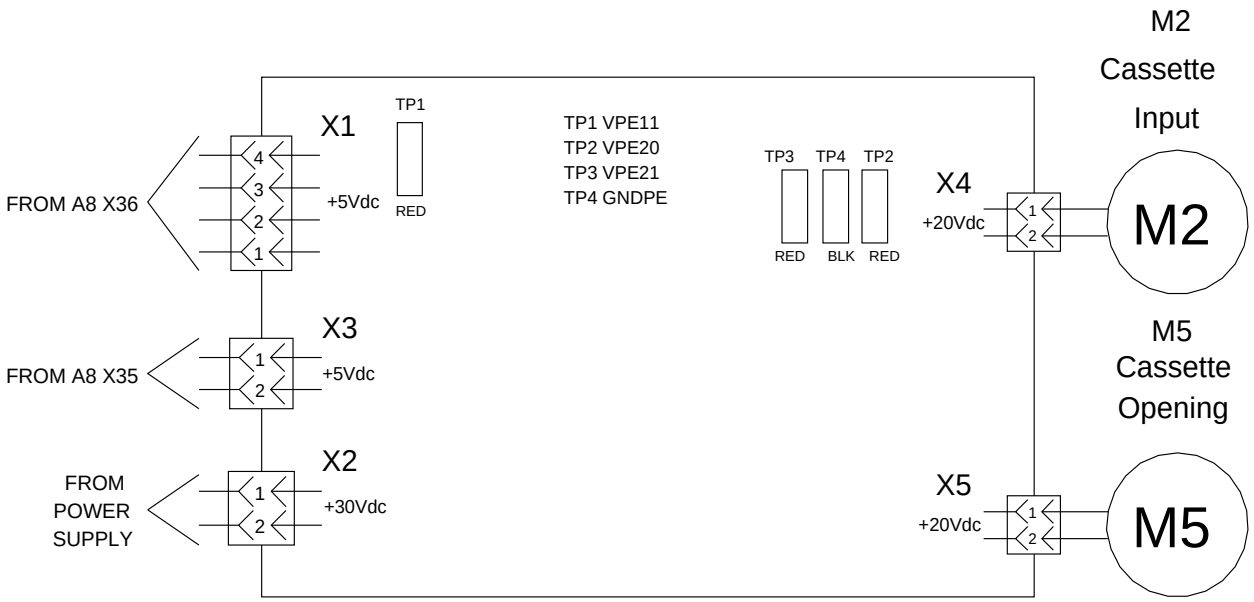
DC MOTOR DRIVER BOARD A9



DC MOTOR DRIVER BOARD A9

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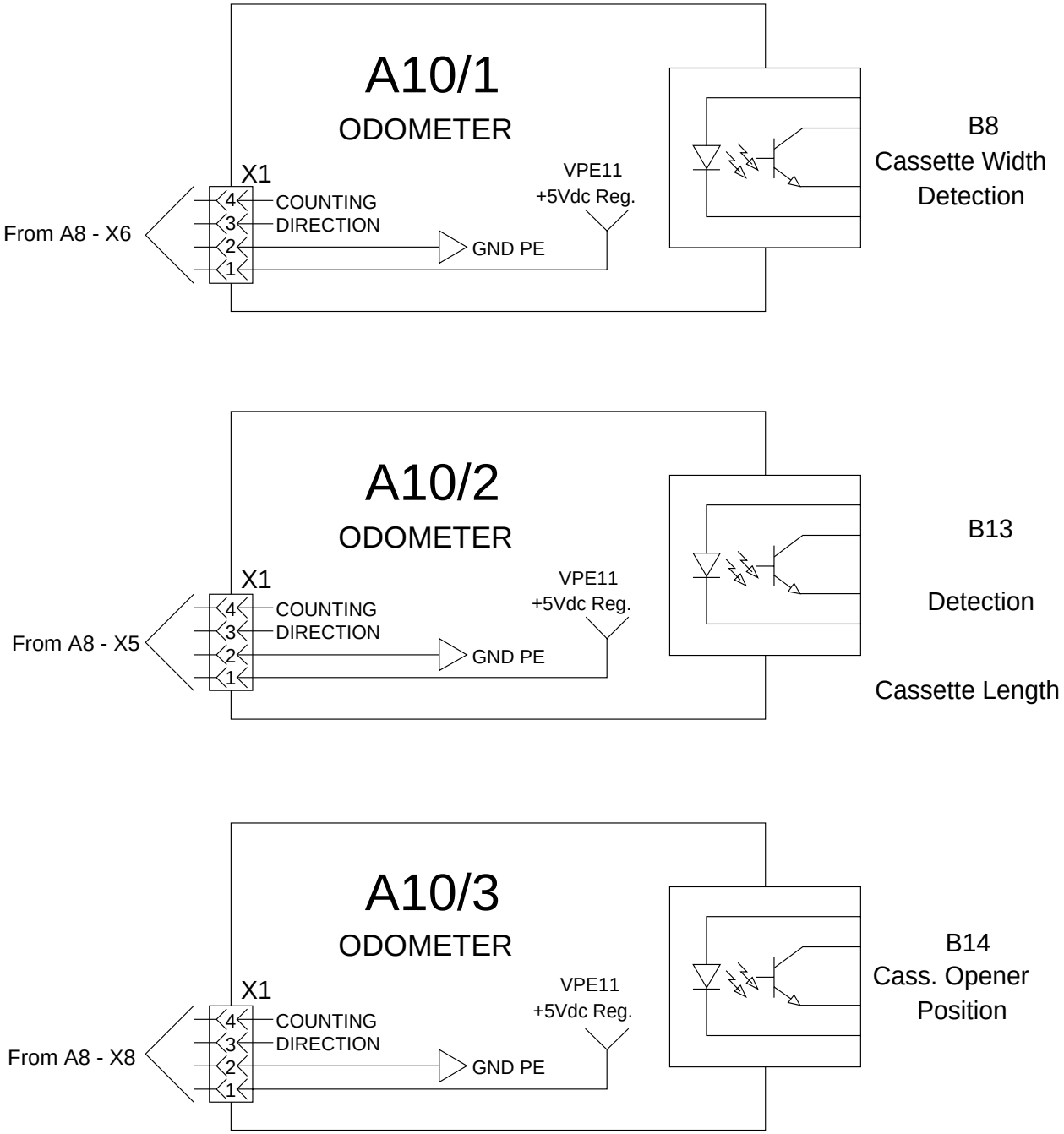
ODOMETER BOARD A10



ODOMETER BOARD A10

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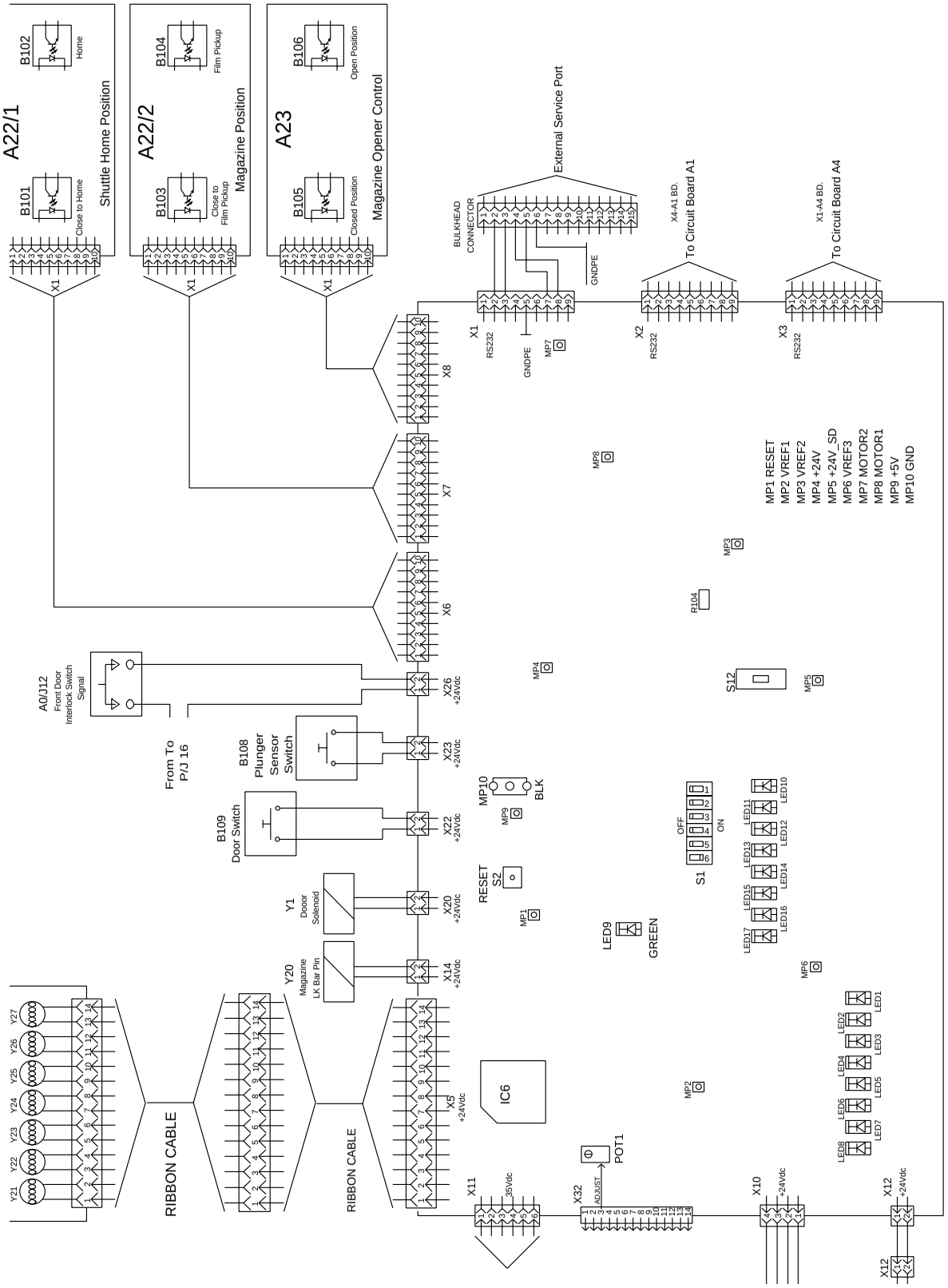
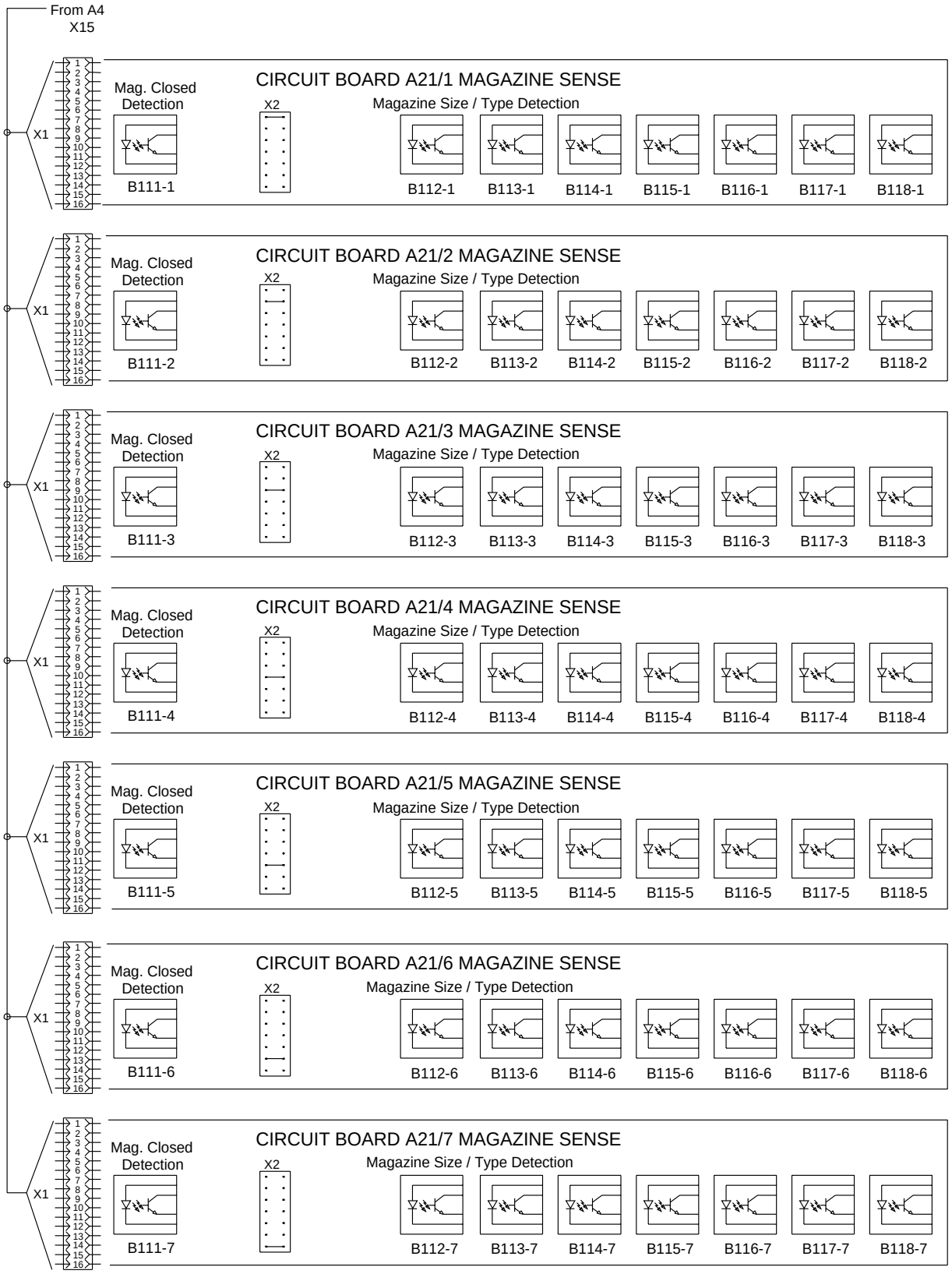
MAGAZINE SHUTTLE MECHANISM BOARD A20/BOARD A22/BOARD A23/BOARD A24

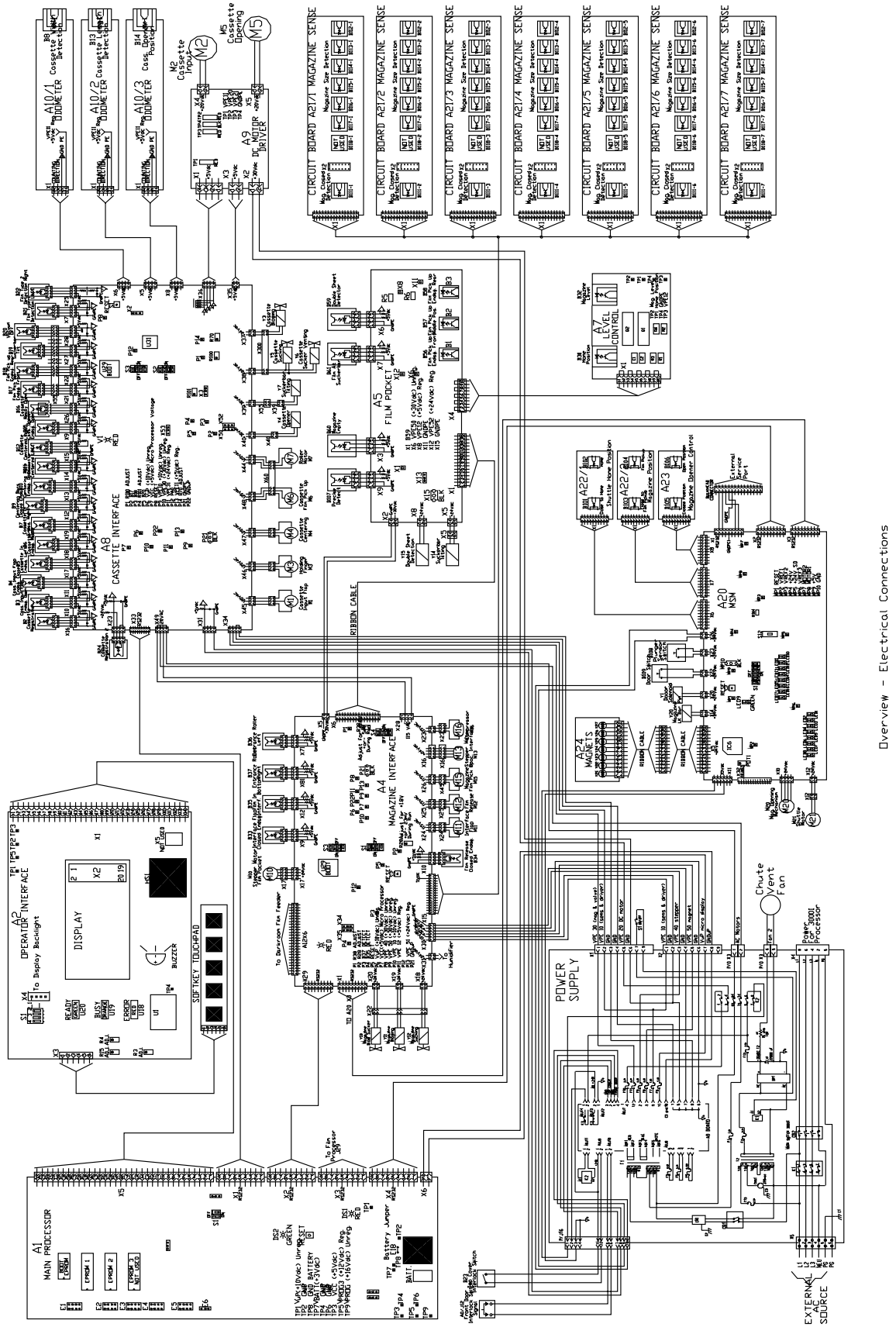


MAGAZINE SIZE/TYPE RECOGNITION BOARD A21



MAGAZINE SIZE/TYPE RECOGNITION BOARD A21

Overview - Electrical Connections



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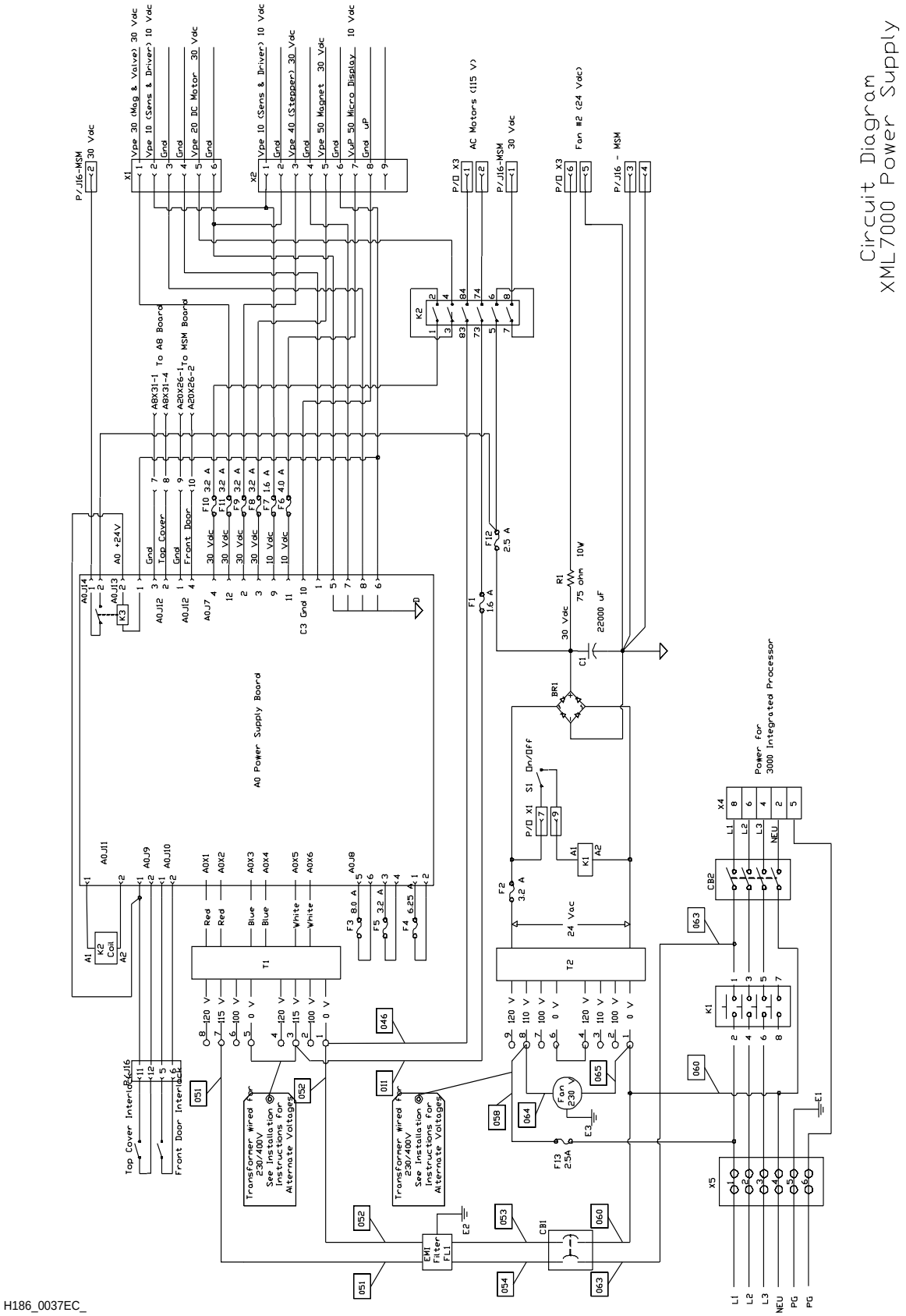
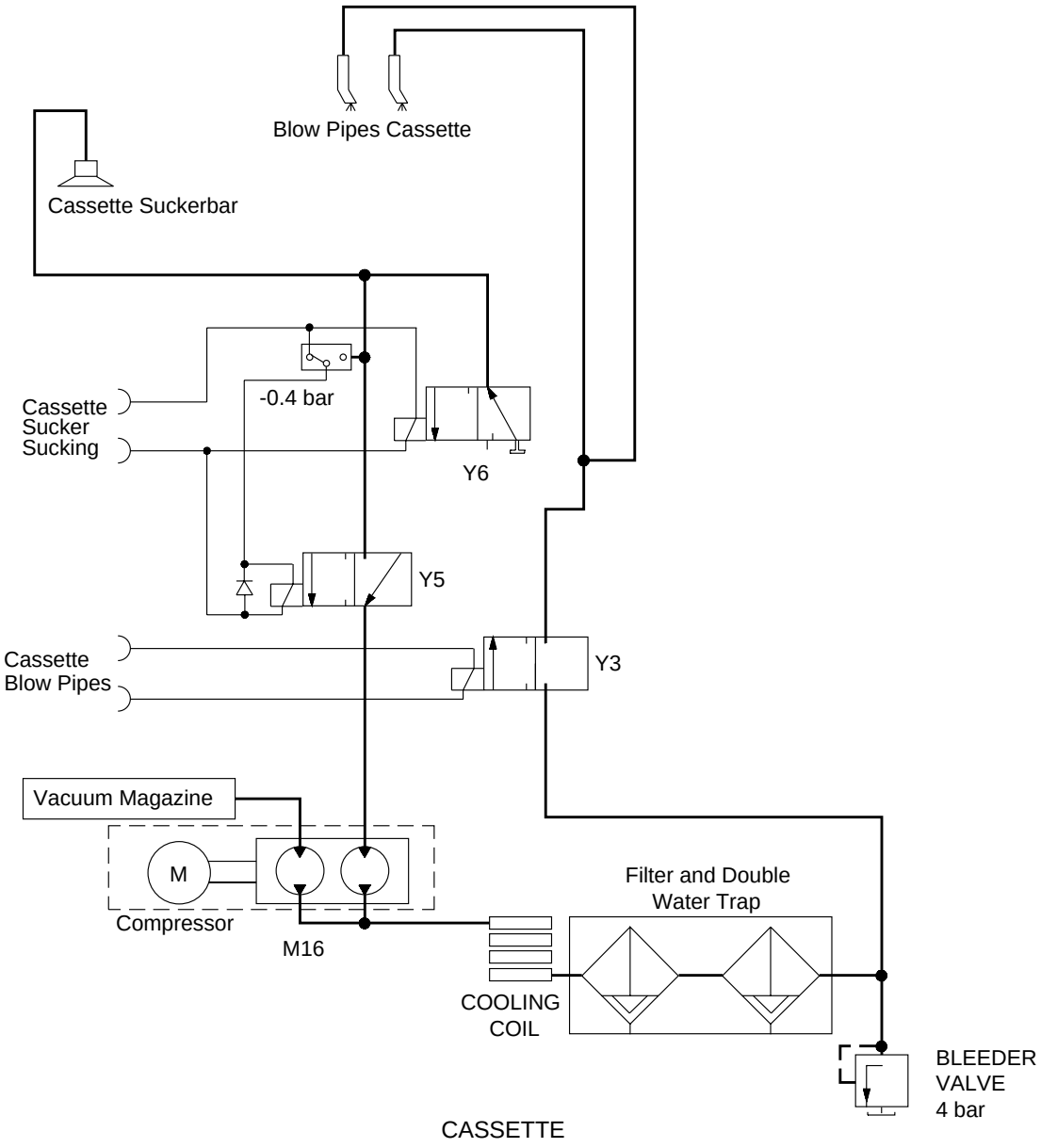
Section 3: Electrical Diagrams

POWER SUPPLY



Section 4: Pneumatic Diagrams

CASSETTE



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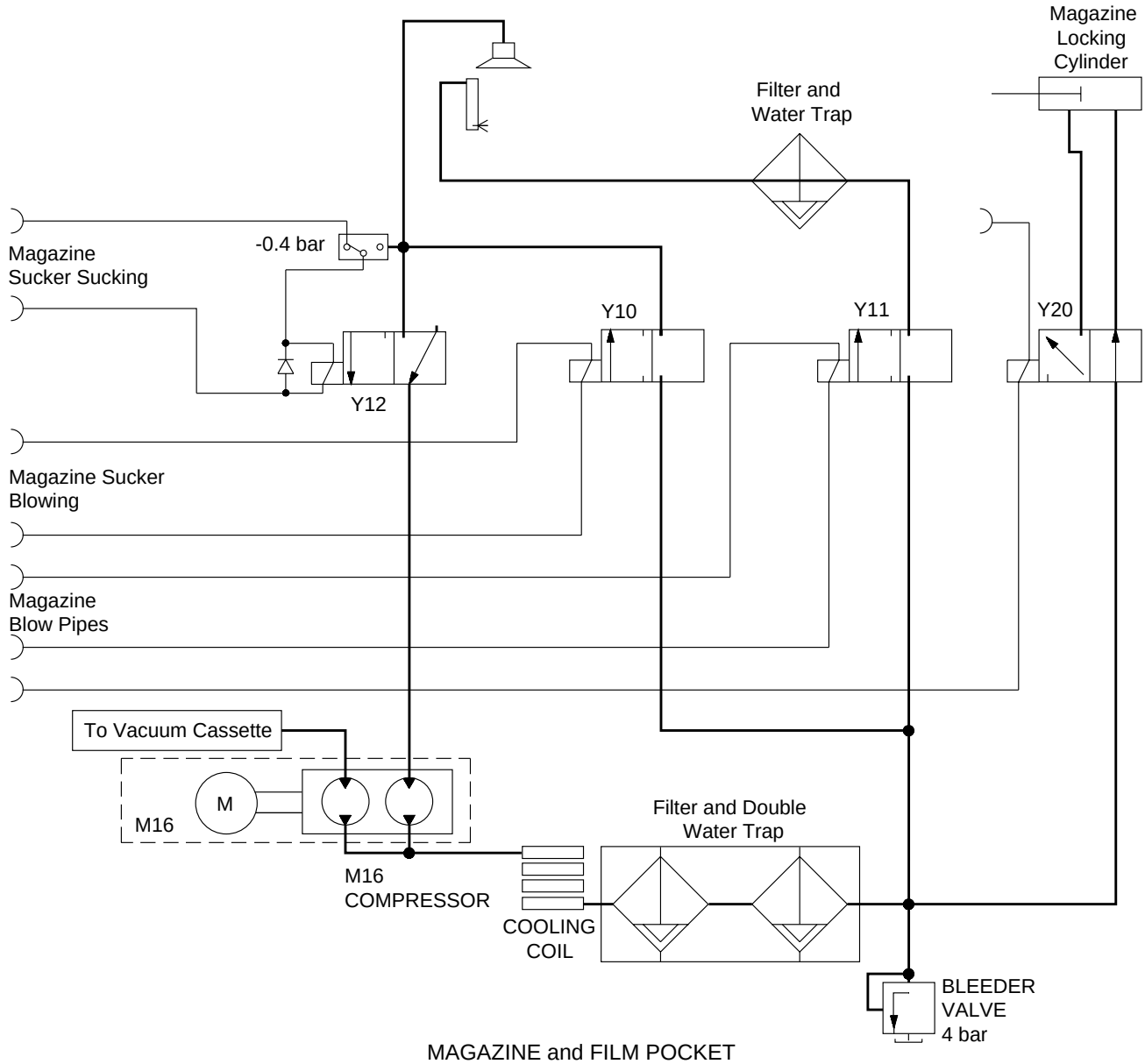
MAGAZINE and FILM POCKET



MAGAZINE and FILM POCKET

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